

Fig. 1

TCP DATA INJECTION ATTACK

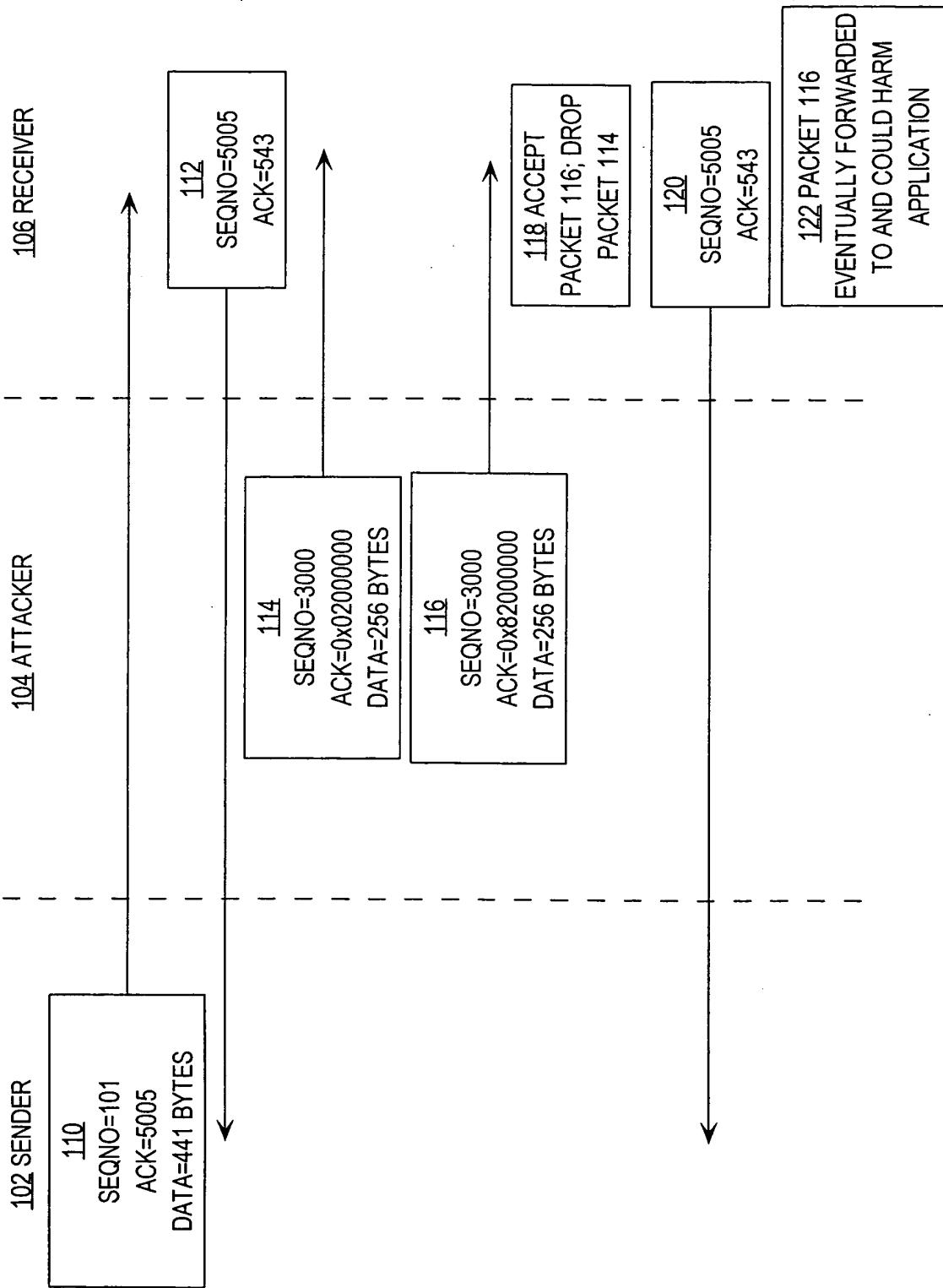


Fig. 2

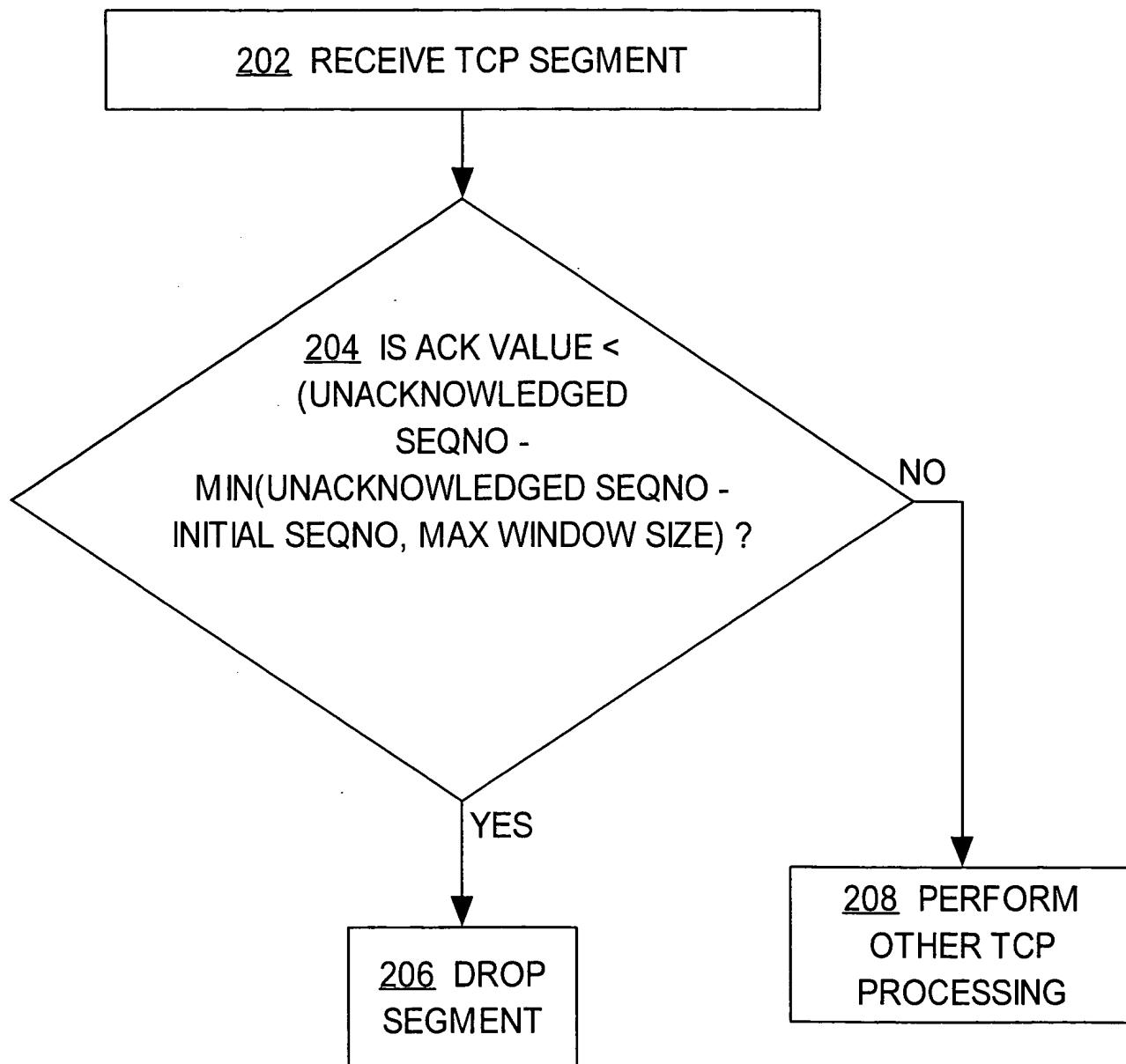


Fig. 4

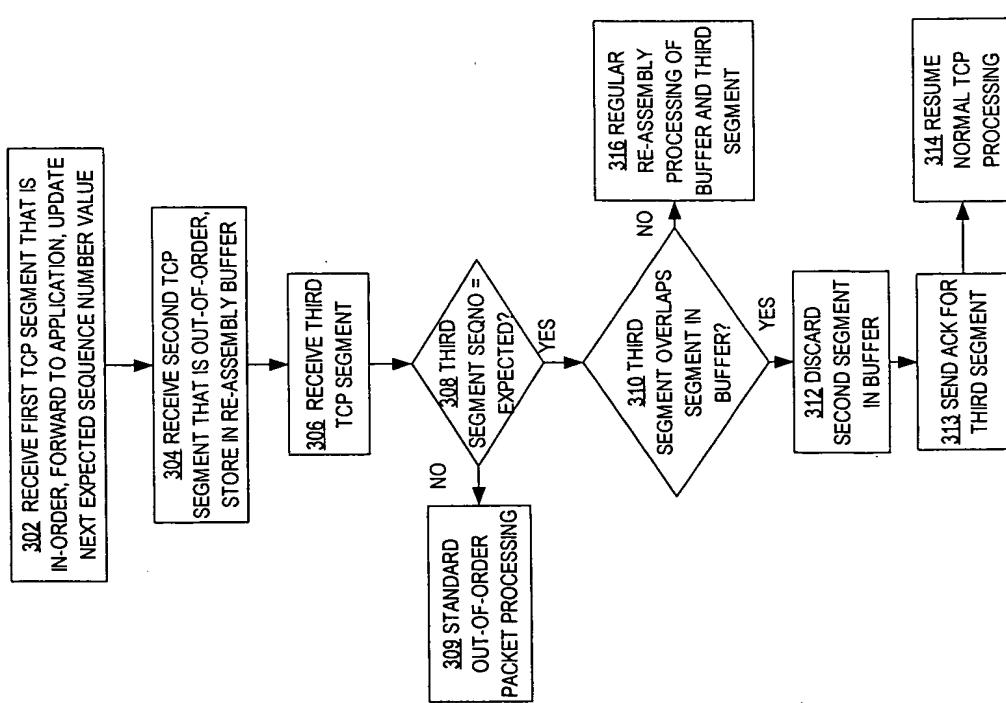


Fig. 3

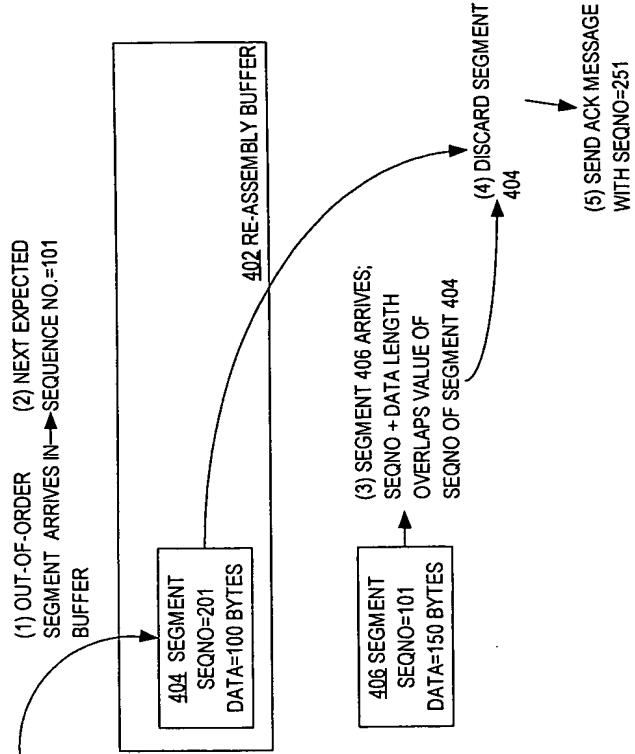


Fig. 5B

DUPLICATE ACK METHOD--RECEIVER'S STEPS

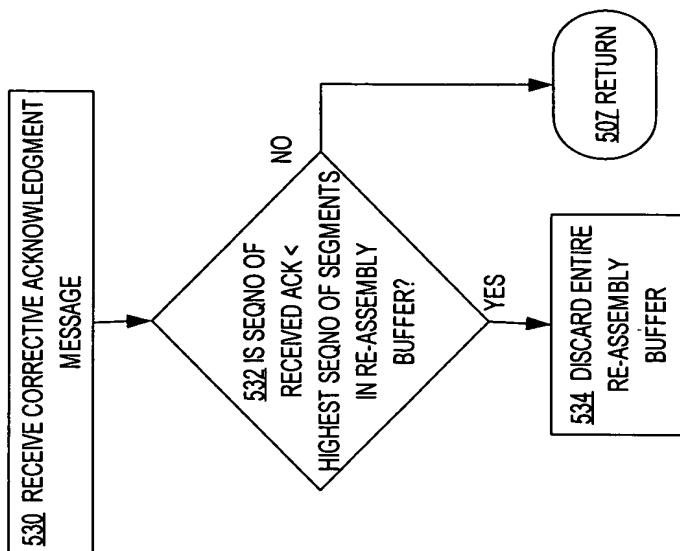


Fig. 5A

DUPLICATE ACK METHOD--STEPS AS PERFORMED BY SENDER
 AS ATTACKER IS SENDING SPURIOUS SEGMENTS

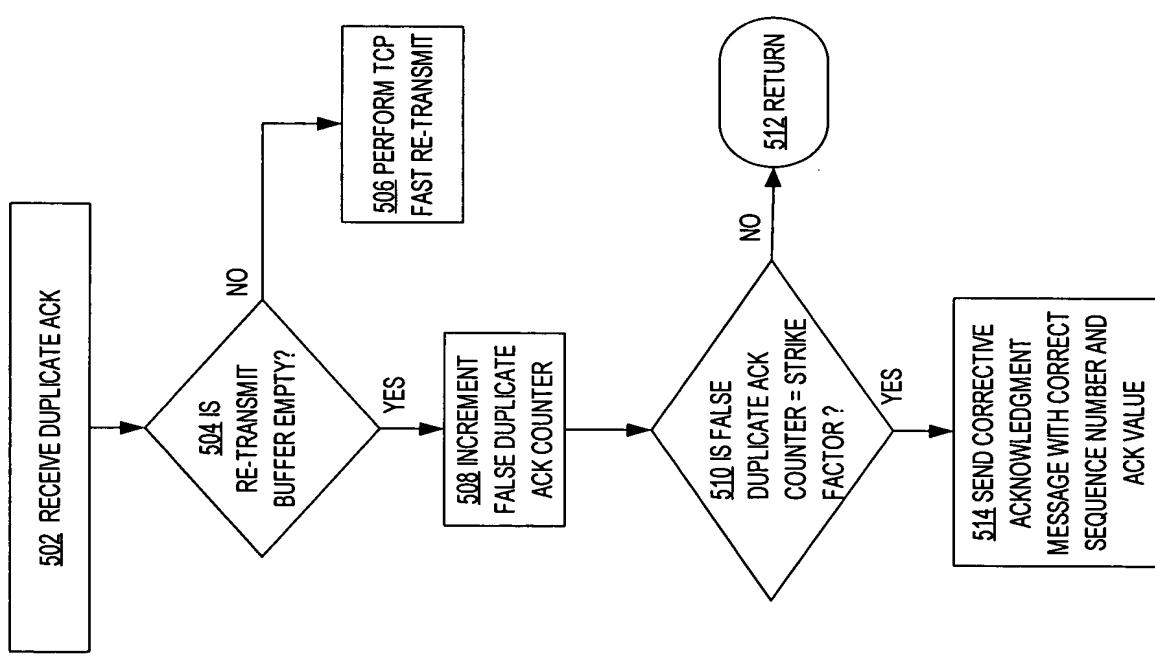


Fig. 5C
TCP DATA INJECTION ATTACK WITH DEFENSE USING DUPLICATE ACK APPROACH

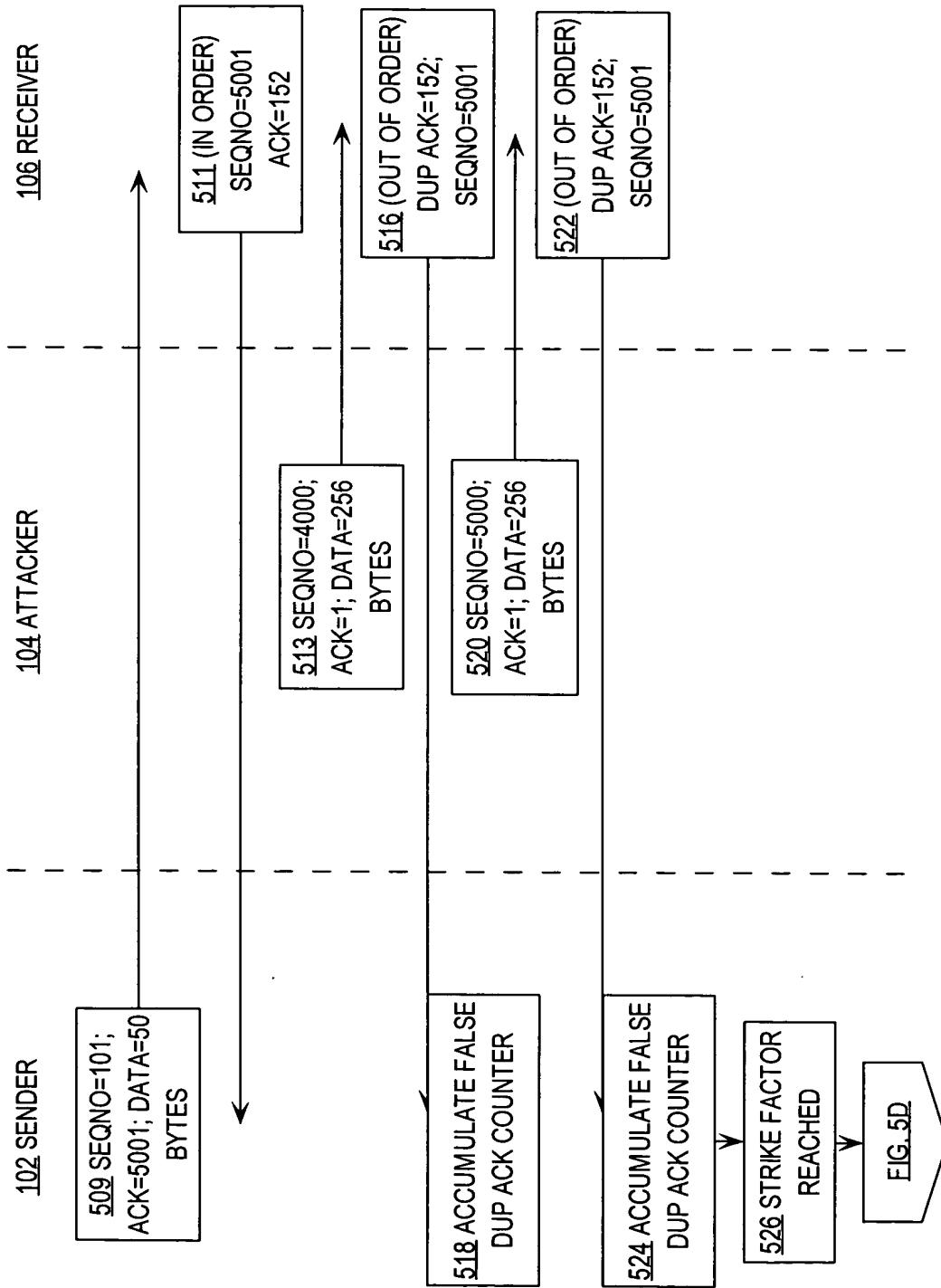


Fig. 5D

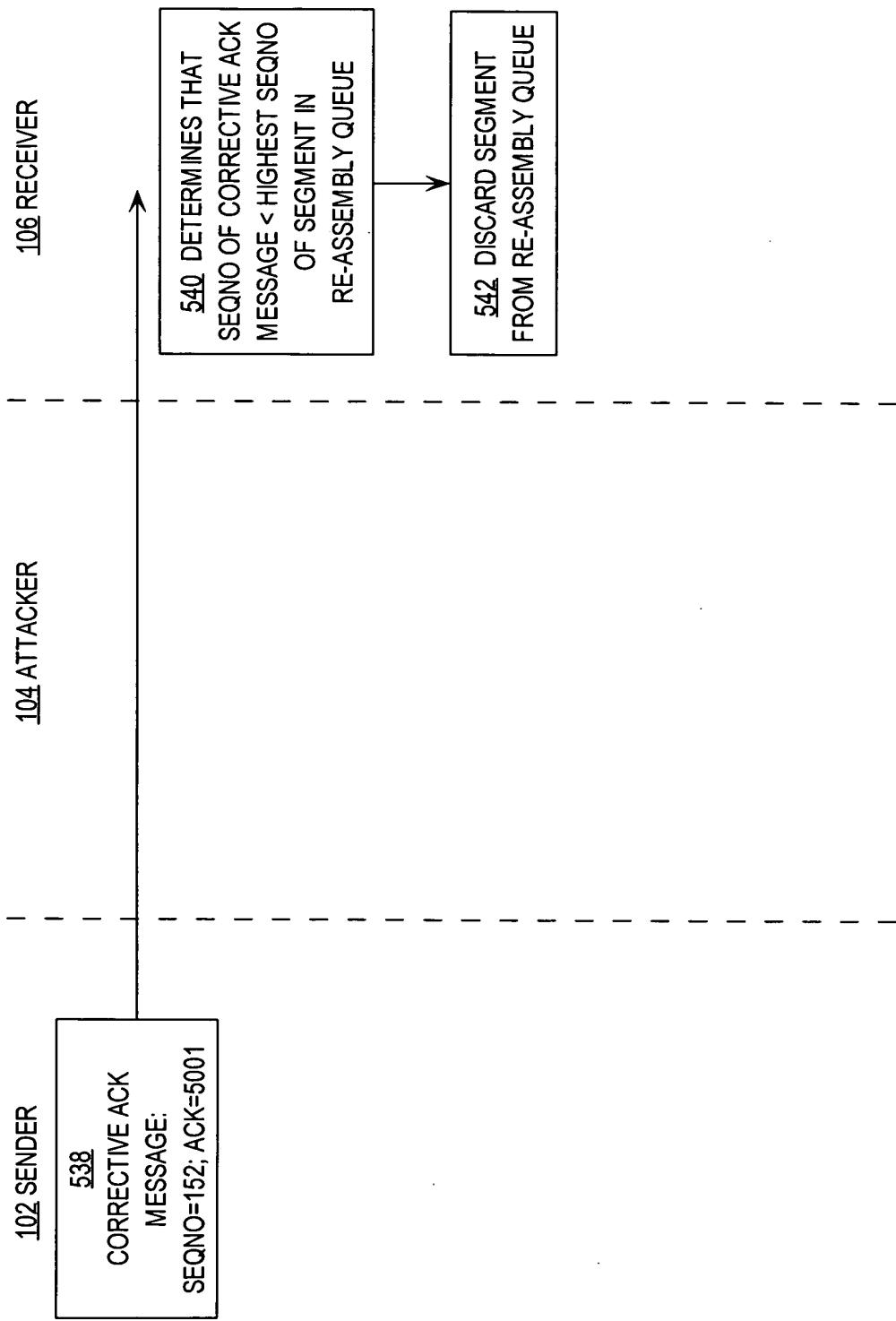
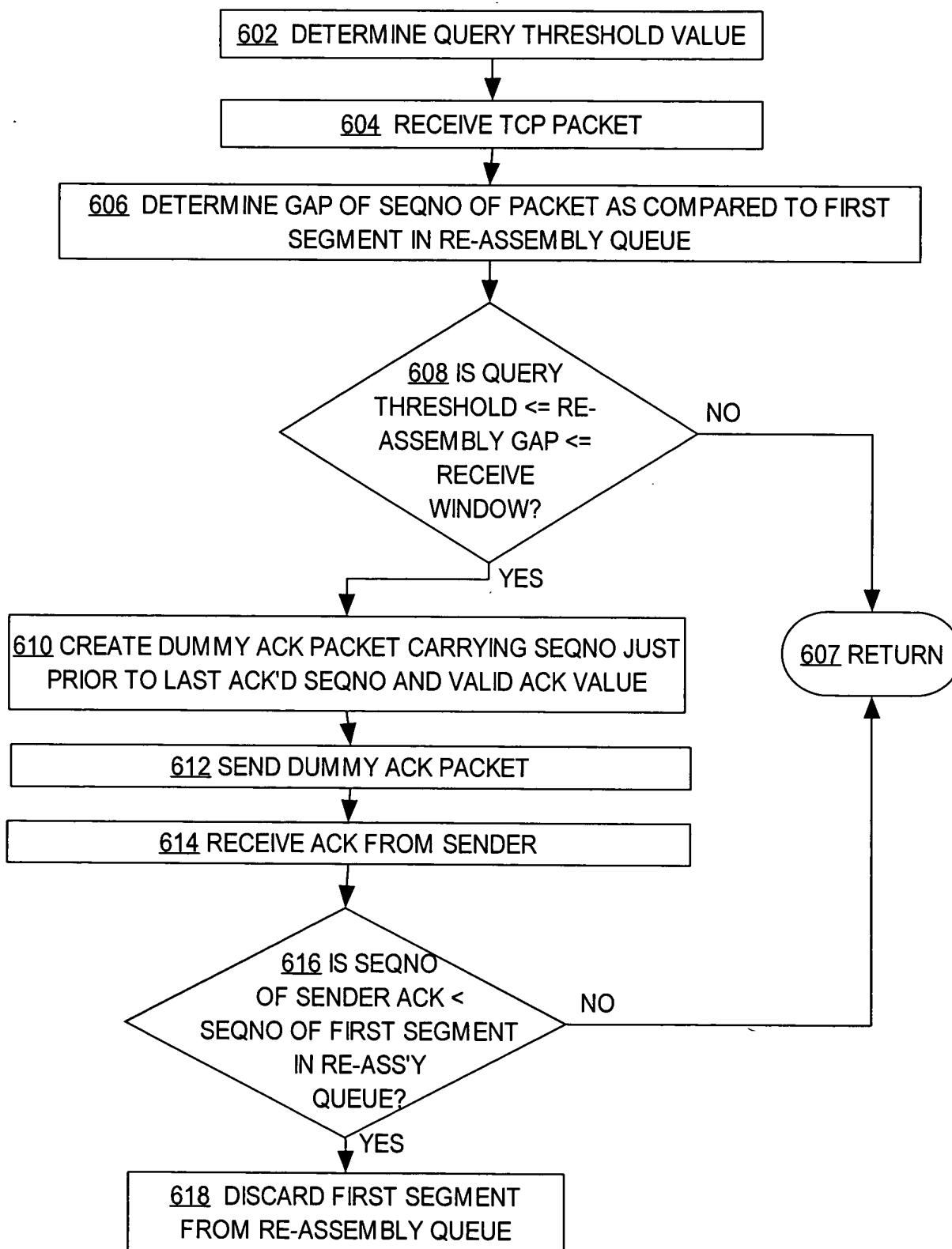


Fig. 6



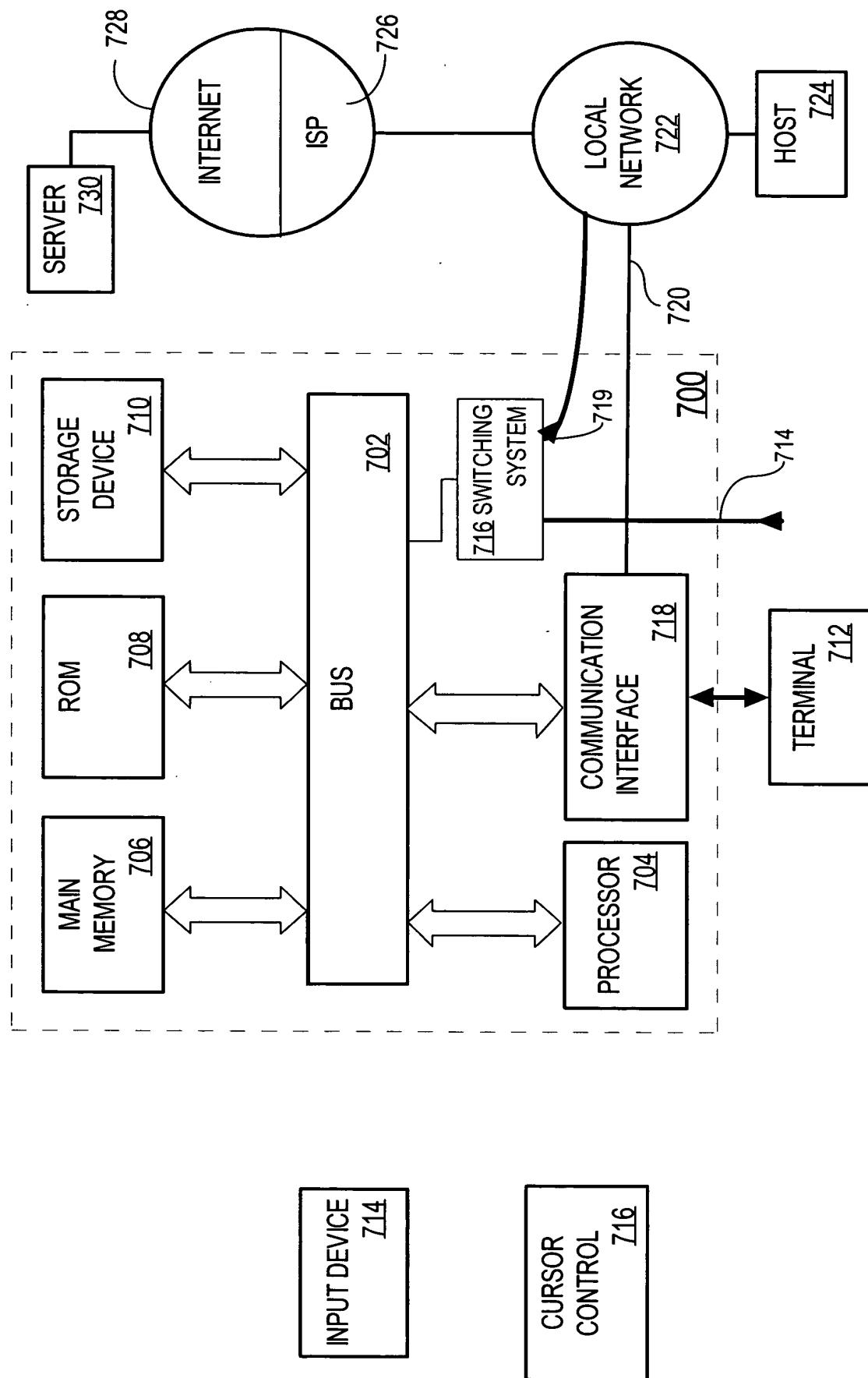


FIG. 7